

Oxygen Device	FiO2 Delivered (approx. values)	Comments
Nasal prongs / cannula	1 lpm=24%    4 lpm=33% 2 lpm=27%    5 lpm=35% 3 lpm=30%    6 lpm=38%	-O2 flow should be < 6 lpm -Humidity not required for flows < 4 lpm -O2 concentration will vary with patient breathing pattern
Nasal moustache / oxymizer	<u>Nasal Prongs</u> <u>Oxymizer</u> 3 lpm                1.5 lpm 4 lpm                2 lpm 6 lpm                3 lpm	-Never humidity -O2 conservation device, allows patient to cut O2 use in ½ -Not recommended for long term high flow use (>10 lpm)
Simple mask	Delivers 35-50% O2 @ flows of 6-10 lpm	-No humidity -Short term use only -Never use @ , 6 lpm
Non-rebreathing mask	Delivers 80-100% O2 @ flows of 12-15 lpm	-Never humidity -Never remove one-way valves -Reservoir bag must not collapse during inspiration, adjust flow accordingly
Aerosol mask	Delivers 28-100% O2 depending on dial setting	-Never use flows < 8 lpm -Use sterile water not normal saline in nebulization chamber -Double bottle or high flow set-up must be used with O2 concentration > 50%
Tracheostomy mask / hood	Delivers 28-100% O2 depending on dial setting	-Never use flows < 8 lpm -Use only sterile water -Double bottle for O2 >50% must always be on patient because normal anatomical humidification system is bypassed
Venturi mask	Delivers 24-50% O2 depending on which connector is used. Green: 24,26,28 & 30 % White: 35, 40 & 50%	-Never use bubbler humidifier -Never cover connectors -Most accurate way to deliver O2 -Ideal fro CO2 retainers or hypoxic drive patients